



NITFS Compliance Registration



Product: Information Dissemination Services - Direct Delivery (IDS-D), Delivery 18.3
(Effectivity NE128 only)

Date: 07 March 2007

Sponsor: National Geospatial-Intelligence Agency (NGA)

Expiration: 06 March 2009

Registration #: 352

Developer: Company

- ☐ Initial Registration
☒ Supplemental/Update #32
☐ Derived from Reg. #

System
N-0105/98, §4.1.1

NITFS Features Implemented:

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Product
N-0105/98, §4.1.2

Component
N-0105/98, §4.1.3

Format

- NITF**
☐ V2.1
☒ V2.0
☐ V1.1
NSIF
☐ V1.0

Image Segment Types

- ☒ MONO
☐ RGB
☐ RGB/LUT
☐ YCbCr
☐ MULTI
☐ NODISPLAY
☐ POLAR

Data Extension Segments

- ☐ TRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☐ Controlled Extensions **
☐ Registered Extensions **

Tagged Record

- ☒ Extensions
☒ National SDE - ALL
☒ IOMAPA
☐ ECC
NBLOCA

Pixel Value Types

- ☐ Boolean
☒ Integer
☐ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Image Compression

- ☒ Not Compressed
☐ JPEG Lossy, 8-bit
☒ JPEG Lossy, 12-bit
☐ JPEG Downsample
☒ JPEG Lossless
☐ BI-Level
☐ Vector Quantization
☐ Multispectral JPEG, Individual Band

Annotation Segment Types

- ☐ BI Mapped **
☐ CCM, 2301
☐ CCM, 2301A
☐ Labels **

Text Segments

- ☐ STA
☐ UT1
☐ U8S
☐ MTF

Configurations Tested:

- SunFire 6800 - Solaris 2.9

Image formats: Full, IMP, 8/8, and 11/16 bits

- SunFire 880 - Solaris 2.9

Image formats: Full, IMP, 8/8, and 11/16 bits

Legend
Interpret
Generate
☒ Fully implemented
☐ Partially implemented
☐ Not implemented

Curtis L. Green, Lt Col, USAF

CURTIS L. GREEN, Lt Col, USAF, Division
Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
the product for the intended use. Optional NITFS features may not be implemented.